

IN THE CLAIMS

1. (currently amended) A tubular product comprising at least a tubular material base layer, an innermost layer of plastic, the tubular material and the plastic having poor adhesion to each other, and a layer of foamed plastic between and itself adhered to the base layer and the innermost layer as a tying layer therebetween by being of adhesion plastic continuously and meltingly extruded simultaneously with the innermost layer against the base layer, characterized in that

the base layer is made of metal or plastic-coated metal, and

the innermost layer and/or the tying layer is cross-linked polyethylene, or

the tying layer consists of grafted polyethylene.

2. (previously presented) A tubular product according to claim 1, characterized in that the extrusions are in the ground.

3. (previously presented) A tubular product according to claim 1, characterized in that the base layer is made of metal or plastic-coated metal.

4. (original) A tubular product according to claim 3, characterized in that the base layer comprises radial grooves or ribs.

5. (previously presented) A tubular product according to claim 1, characterized in that the inner surfaces of the tying layer and innermost layer are substantially smoother than an inner surface of the base layer.

6. (previously presented) A tubular product according to claim 1, characterized in that the tying layer contains a filling agent.

7. (previously presented) A tubular product according to claim 1, characterized in that the innermost layer of the product is made of oriented plastic.

8. (previously presented) A tubular product according to claim 1, characterized in that the tying layer comprises stretched foam bubbles.

9. (previously presented) A tubular product according to claim 1, characterized in that the innermost layer and/or the tying layer is cross-linked polyethylene.

10. (previously presented) A tubular product according to claim 1, characterized in that the tying layer consists of grafted polyethylene.

11. (previously presented) A tubular product according to claim 1, further comprising another tubular product joined to said tubular product by means of a cross-linked plastic sleeve (27) that has a diameter compressed to a smaller size than normally.

12. (previously presented) A tubular product according to claim 1, further comprising another tubular product joined to said tubular product by means of a sleeve (28) situated inside the joint and a clamping collar (29) situated outside the joint.

13. - 14. (canceled)

15. (previously presented) A tubular product comprising a tubular base layer, a tubular innermost layer made of plastic by continuous extrusion, and a tubular tie layer of foamed plastic between and itself adhered to the base layer and the innermost layer, wherein the tie layer is made of meltingly extruded adhesion plastic, is extruded simultaneously with the innermost layer against the base layer, and has better adhesions to the base and innermost layers than the base and innermost layers have to each other to tie the base and innermost layers together.

16. (withdrawn) A joint for joining two products according to claim 1 together, wherein the joint comprises inside the products a cross-linked plastic sleeve that has an outer diameter compresses to a smaller size than the inner diameter of the pipes to be connected and which tends to return to the size of the diameter preceding the compression.

17. (withdrawn) A joint for joining two products according to claim 1 together, wherein the joint comprises a sleeve situated inside the products and a clamping collar situated outside the products.

18. (previously presented) A tubular product according to claim 5, characterized in that the tying layer comprises stretched foam bubbles.

19. (previously presented) A tubular product according to claim 6, characterized in that the tying layer comprises stretched foam bubbles.

20. (previously presented) A tubular product according to claim 7, characterized in that the tying layer comprises stretched foam bubbles.

21. (previously presented) A tubular product according to claim 15, characterized in that the tying layer comprises stretched foam bubbles.

22. (previously presented) A tubular product comprising at least three layers, a tubular base layer, an innermost layer made of plastic by continuous extrusion, the base layer and the innermost layer having poor adhesion to each other, and a layer of foamed plastic between and itself adhered to the base layer and the innermost layer bonding these together, wherein the layer of said foamed plastic is a tie layer made by a process of adhesion plastic meltingly extruded simultaneously with the innermost layer to tie the base and innermost layers together.